

Project Proposal

Proposal Title: Keel Spring SITLA

Proposal Number: 1494

DWR Region: Southern Region

Lead Agency: DWR

County: Iron

Project Manager: Jason Nicholes

PM Phone: 4358656113

Regional Priority: High

Project Type: Terrestrial Habitat

Proposed Start Date: 8/15/2009

Project Location: Mountain Spring Wash at the South end of Pine Valley

Project Description: 2-way chaining on 3 SITLA sections. Treat 1000 of identified 2137 acres.

Description of Problem/Need: PJ is beginning to dominate this historic shrubsteppe community. As this encroachment the forage value of the available understory decreases as it is choked out. Without treatment this area would convert to a PJ woodland community.

Objectives: Increase forage productivity of grasses, forbs, and shrubs.

Relevance to Strategic Plans: Project focuses on restoring shrubsteppe habitat which is identified as a key habitat type in the WAP. Some benefit will also be derived for mule deer, a Tier III species in the WAP.

Potential Risks: Seeding failure due to drought.

Proposed Methods: Treat 1000 of identified 2137 acres with a 2-way chaining, including an aerial application of seed between the first and second pass with the chain. Travel corridors and islands of thermal cover would be left intact to encourage wildlife use of the treatment.

Shapefile Name: S:/DWR/HPD-2010/GIS Shape Files/1494.shp

Seed Source: GBRC

UPCD Reg Team Coord Date:

**Proposed
NEPA Action:**

**Proposed
Arch Action:**

☐ **Vegetation Monitoring** ☒ **Wildlife Monitoring**

Monitoring Information: UDWR biologist conducts bi-annual elk and deer classification and can also monitor condition of seeding.

Grazing Management: Area would be rested from grazing for 2 growing seasons.

SPECIES BENEFITING

| | |
|-----------|-----|
| Mule Deer | Elk |
|-----------|-----|

LAND OWNERSHIP

| Owner | Acres |
|--------------|-------------|
| SITLA | 1000 |
| Total | 1000 |

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PROPOSED FUNDING

| Source | Amount Requested | Date Approved | Amount Approved |
|------------------|---------------------|---------------|-----------------|
| Unfunded Balance | \$161,500.00 | | \$0.00 |
| Totals | \$161,500.00 | | \$0.00 |

PROPOSED BUDGET

| Item | Description | DWR Account | Partner Contrib. |
|-----------------------|--|---------------------|------------------|
| Contractual Services | 1000 acres of 2 way chaining @ \$70/acre | \$70,000.00 | \$0.00 |
| Seed (GBRC) | Seed for 1000 acres @ \$50/acre | \$50,000.00 | \$0.00 |
| Contractual Services | Aerial seed 1000 acres @ \$9/acre | \$9,000.00 | \$0.00 |
| Archaeological Survey | 1000 acres @ \$28/acre | \$28,000.00 | \$0.00 |
| Personal Services | Seasonal help | \$2,500.00 | \$0.00 |
| Motor Pool | Truck Mileage | \$1,000.00 | \$0.00 |
| Other | Unanticipated expenses | \$1,000.00 | \$0.00 |
| | Totals | \$161,500.00 | \$0.00 |

Project Map:

